

A2 z_n is the value of the depth assigned to the pixel at x_n, y_n

k_a to k_f are constants previously determined by the algorithm

R_n is the value of the Red component of the pixel at x_n, y_n

G_n is the value of the Green component of the pixel at x_n, y_n

B_n is the value of the Blue component of the pixel at x_n, y_n

T is a measurement of time, for this particular frame in the sequence.

~~60~~
~~59~~ (New) A method as claimed in claim 43, wherein said second algorithm computes:

$$z_n = k_a \cdot x_n + k_b \cdot y_n + k_c \cdot R_n + k_d \cdot G_n + k_e \cdot B_n + k_f \cdot T$$

where:

n is the n th pixel in the image

A3 z_n is the value of the depth assigned to the pixel at x_n, y_n

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R_n is the value of the Red component of the pixel at x_n, y_n

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T is a measurement of time, for this particular frame in the sequence.

~~61~~
~~60~~ (New) A method as claimed in claim 47, wherein said second algorithm computes:

$$z_n = k_a \cdot x_n + k_b \cdot y_n + k_c \cdot R_n + k_d \cdot G_n + k_e \cdot B_n + k_f \cdot T$$

where:

n is the n th pixel in the image

z_n is the value of the depth assigned to the pixel at x_n, y_n

k_a to k_f are constants previously determined by the algorithm

R_n is the value of the Red component of the pixel at x_n, y_n

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T is a measurement of time, for this particular frame in the sequence.